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OM protein - protein search, using sw motif

Run on: January 16, 2003, 16:43:32 : Search time 5 14286 Seconds
(without alignments)
28.606 Million cell updates/sec

Title: US-09-856-070-18

Perfect score: 24

Sequence: 1 KEELM 5

Scoring Table: BLUSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2060000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA.*
1: /cqn2_6/ptdata/2/iaa/5A_COMB.pep.*
2: /cqn2_6/ptdata/2/iaa/5B_COMB.pep.*
3: /cqn2_6/ptdata/2/iaa/6A_COMB.pep.*
4: /cqn2_6/ptdata/2/iaa/6B_COMB.pep.*
5: /cqn2_6/ptdata/2/iaa/PCUUS_COMB.pep.*
6: /cqn2_6/ptdata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	24	100.0	53	4	US-09-187-789-59
2	24	100.0	53	4	US-09-139-600-54
3	24	100.0	171	2	US-08-394-189B-13
4	24	100.0	171	3	US-08-258-287B-40
5	24	100.0	171	3	US-08-368-704C-40
6	24	100.0	171	5	PCT-US93-05705-13
7	24	100.0	172	2	US-08-394-189B-26
8	24	100.0	172	2	US-08-394-189B-27
9	24	100.0	330	1	US-08-410-167A-4
10	24	100.0	330	4	US-08-898-560-1
11	24	100.0	330	4	US-99-191-126-1
12	24	100.0	434	1	US-08-111-939-13
13	24	100.0	434	1	US-09-233-889-7
14	24	100.0	435	1	US-08-111-939-14
15	24	100.0	435	1	US-08-111-939-15
16	24	100.0	435	1	US-08-111-939-16
17	24	100.0	435	1	US-08-452-252-2
18	24	100.0	435	1	US-08-734-550-2
19	24	100.0	435	5	PCT-US96-07528-2
20	24	100.0	476	4	US-09-233-889-2
21	24	100.0	476	4	US-09-233-889-3
22	24	100.0	476	4	US-09-233-889-6
23	24	100.0	485	4	US-09-058-260-18
24	24	100.0	492	4	US-09-183-959-2
25	24	100.0	496	4	US-08-450-288-2
26	24	100.0	496	4	US-09-558-679-2
27	24	100.0	501	2	US-08-781-802-4

ALIGNMENTS

RESULT 1

US-09-187-789-59

: Sequence 59, Application US/00187789

: Patent No. 6340740

: GENERAL INFORMATION:

: APPLICANT: Alincuri, Emad S.

: TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE

: TITLE OF INVENTION: AND METHODS OF USE

: FILE REFERENCE: 480140.434C1

: CURRENT APPLICATION NUMBER: US/09/187,789

: NUMBER OF SEQ ID NOS: 78

: SOFTWARE: PatentIn Ver. 2.0

: SEQ ID NO 59

: LENGTH: 53

: TYPE: PRT

: ORGANISM: Mus musculus

US-09-187-789-59

Query Match

100.0%

Score 24

DB 4

Length 53

Best local Similarity 100.0%, Pred. No. 52

Matches 5, Conservative 0, Mismatches 0

Indels 0

Gaps 0

QY 1 KEELM 5

IIIII

DB 5 KEELM 9

RESULT 2

US-09-139-600-54

: Sequence 54, Application US/09139600

: Patent No. 6432538

: GENERAL INFORMATION:

: APPLICANT: Alincuri, Emad S.

: TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE

: TITLE OF INVENTION: AND METHOD OF USE

: FILE REFERENCE: 480140.434

: CURRENT APPLICATION NUMBER: US/09/139,600

: CURRENT FILING DATE: 1998-08-25

: NUMBER OF SEQ ID NOS: 65

: SOFTWARE: PatentIn Ver. 2.0

: SEQ ID NO 54

: LENGTH: 53

: TYPE: PRT

: ORGANISM: Mus musculus

US-09-139-600-54

Query Match

100.0%

Score 24

DB 4

Length 53

Best Local Similarity 100.0%; Pred. No. 52;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
IIIII
DB 5 KEELM 9

RESULT 4

US-08-394-189B 13
Sequence 13, Application US/08394189B
Patent No. 5962401
GENERAL INFORMATION:
APPLICANT: Horvitz, Robert
APPLICANT: Yuan, Junying
APPLICANT: Sharam, Sital
TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
TITLE OF INVENTION: BETA CONVERSION GENE TO A C. ELEGANS CELL DEATH
TITLE OF INVENTION: GENE, INHIBITORY PORTIONS OF THESE GENES AND...
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,189B
FILING DATE: 24 FEB-2005
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/282,211
FILING DATE: 12-JUL-1994
APPLICATION NUMBER: 07/984,182
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: 07/897,788
FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 0199/211001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 428 0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
OTHER INFORMATION: xaa at position 117 is Ala or Val.
US-08-394-189B-13

Query Match 100.0%; Score 24; DB 2; Length 171;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
IIIII
DB 69 KEELM 74

RESULT 4

US-08-258-287B-40

Sequence 40, Application US/08258287B
Patent No. 6087735
GENERAL INFORMATION:

APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/258,287B
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bugalsky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609 3920001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
TOPOLOGY: both
US-08-258-287B-40

Query Match 100.0%; Score 24; DB 3; Length 171;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
IIIII
DB 69 KEELM 73

RESULT 5

US-08-468-704C-40
Sequence 40, Application US/08468704C
Patent No. 6087160
GENERAL INFORMATION:
APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,704C

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: FILING DATE: 4-JAN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/258,287
: FILING DATE: 10-JUN-1994
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/080,850
: FILING DATE: 24-JUN-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: HUGALSKY, LAWRENCE B.
: REGISTRATION NUMBER: 45,086
: REFERENCE/DOCKET NUMBER: 5609,3920002
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202) 371-2600
: TELEFAX: (202) 371-2540
: TELEX: 248636 SSK
: INFORMATION FOR SEQ ID NO: 40:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 171 amino acids
: TYPE: amino acid
: TOPOLOGY: both
US-08-368-7042-40

```

```

Query Match 100.0% Score 24; DB 3; Length 171;
Best Local Similarity 100.0% Pred No. 1.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 KEELM 5
      |||||
DB 69 KEELM 73

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RESULT 6

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PCI-US93-05705-13

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: Sequence 13, Application PC/US9305705
: GENERAL INFORMATION:

```

```

: TITLE OF INVENTION: Inhibitors of Ccd 3 and Related Proteins
: NUMBER OF SEQUENCES: 14
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Massachusetts Institute of Technology
: STREET: 77 Massachusetts Avenue
: CITY: Cambridge
: STATE: Massachusetts
: COUNTRY: U.S.A.
: ZIP: 02139

```

```

: COMPUTER READABLE FORM:
: MEDIUM TYPE: diskette
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCI/US93/05705

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: FILING DATE: 19930711
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 171 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
PCI-US93-05705-13

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```

Query Match 100.0% Score 24; DB 5; Length 171;
Best Local Similarity 100.0% Pred No. 1.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 KEELM 5
      |||||
DB 69 KEELM 73

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RESULT 7

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US-08-394-189B-26

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: Sequence 26, Application US/08394189B
: Patent No. 5962301

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: GENERAL INFORMATION:
: APPLICANT: Horvitz, Robert
: APPLICANT: Yuan, Junying
: APPLICANT: Shaham, Shai
: TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
: TITLE OF INVENTION: BETA CONVERTASE GENE TO A C. ELEGANS CELL DEATH
: TITLE OF INVENTION: GENE, INHIBITORY PORTIONS OF THESE GENES AND...
: NUMBER OF SEQUENCES: 27
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Clark & Elbing LLP
: STREET: 176 Federal Street
: CITY: Boston
: STATE: MA
: COUNTRY: USA
: ZIP: 02110
: COMPUTER READABLE FORM:
: MEDIUM TYPE: diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/394,189B
: FILING DATE: 24-FEB-2005
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/282,211
: FILING DATE: 12-JUL-1994
: APPLICATION NUMBER: 07/984,182
: FILING DATE: 20-NOV-1992
: APPLICATION NUMBER: 07/897,788
: FILING DATE: 12-JUN-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: HICKER-BRADY, KRISTINA
: REGISTRATION NUMBER: 39,109
: REFERENCE/DOCKET NUMBER: 01997/211001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 617-428-0200
: TELEFAX: 617-428-7045
: TELEX:
: INFORMATION FOR SEQ ID NO: 26:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 172 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: FRAGMENT TYPE: internal
US-08-394-189B-26

```

```

Query Match 100.0% Score 24; DB 2; Length 172;
Best Local Similarity 100.0% Pred No. 1.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 KEELM 5
      |||||
DB 69 KEELM 73

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RESULT 8

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US-08-394-189B-27

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: Sequence 27, Application US/08394189B
: Patent No. 5962301

```

```

: GENERAL INFORMATION:
: APPLICANT: Horvitz, Robert
: APPLICANT: Yuan, Junying
: APPLICANT: Shaham, Shai
: TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
: TITLE OF INVENTION: BETA CONVERTASE GENE TO A C. ELEGANS CELL DEATH
: TITLE OF INVENTION: GENE, INHIBITORY PORTIONS OF THESE GENES AND...
: NUMBER OF SEQUENCES: 27
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Clark & Elbing LLP
: STREET: 176 Federal Street

```

CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSPD for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/344.1894
 FILING DATE: 24-FEB-2005
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/282,211
 FILING DATE: 12-JUL-1994
 APPLICATION NUMBER: 07/984,182
 FILING DATE: 20-NOV-1992
 APPLICATION NUMBER: 07/897,788
 FILING DATE: 12-JUN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Rickert Brady, Kristina
 REGISTRATION NUMBER: 49,104
 REFERENCE/DOCKET NUMBER: 01997/211001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEFAX: 617-428-7045
 TELEX:
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 172 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-194.189B-27

Query Match 100.0%, Score 24, DB 2, Length 172,
 Best Local Similarity 100.0%, Pred. No. 1.6e+02,
 Matches 5, Conservative 3, Mismatches 0, Indels 0, Gaps 0.

QY 1 KEELM 5
 DB 69 KEELM 73

RESULT 9
 US-08-410.167A-4
 Sequence 4, Application US/08410167A
 Patent No. 5774273
 GENERAL INFORMATION:
 APPLICANT: Tokuzo NISHINO, Shinichi OHNUMA, Manabu SUZUKI,
 APPLICANT: Chikara OHITO, Chika ASADA, Yuka HIGUCHI, Yoshie TAKEUCHI
 TITLE OF INVENTION: Geranylgeranyl-Diphosphate Synthase and DNA
 TITLE OF INVENTION: Coding Therefor
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Kenyon & Kenyon
 STREET: One Broadway
 CITY: New York
 STATE: NY
 COUNTRY: US
 ZIP: 10004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3- Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 6.2
 SOFTWARE: WordPerfect 6.1 Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/410.167A
 FILING DATE: 24-MAR-1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 6-53804
 FILING DATE: 24-MAR-1994
 APPLICATION NUMBER: JP 6-315572
 FILING DATE: 25-NOV-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Edward W. Greason
 REGISTRATION NUMBER: 18,918
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)425-7200
 TELEFAX: (212)425-5288
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 330 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Sulfolobus acidocaldarius
 STRAIN: ATCC 33909
 US-08-410-167A-4
 Query Match 100.0%, Score 24, DB 1, Length 340,
 Best Local Similarity 100.0%, Pred. No. 2.8e+02,
 Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0.

QY 1 KEELM 5
 DB 271 KEELM 275

RESULT 10
 US-08-898-560-1
 Sequence 1, Application US/08898560
 Patent No. 5935832
 GENERAL INFORMATION:
 APPLICANT: Hiroyuki NAKANE, Chikara OHITO, Shinichi OHNUMA,
 APPLICANT: Kazutake HIRAKA, Tokuzo NISHINO
 TITLE OF INVENTION: Farnesyl Diphosphate Synthase
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Kenyon & Kenyon
 STREET: One Broadway
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3- Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 6.2
 SOFTWARE: WordPerfect 6.1 Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/898.560
 FILING DATE: Concurrent Herewith
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 8-213211
 FILING DATE: 24-JUL-96
 ATTORNEY/AGENT INFORMATION:
 NAME: Edward W. Greason
 REGISTRATION NUMBER: 18,918
 REFERENCE/DOCKET NUMBER: 77670/495
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)425-7200
 TELEFAX: (212)425-5288
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 330 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Sulfolobus acidocaldarius
STRAIN: ATCC 33909
FEATURE:
NAME/KEY: Aspartic domain
LOCATION: 82-86
US-08-898-560-1

Query Match 100.0%; Score 24; DB 2; Length 330;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
DB 271 KEELM 275

RESULT 11
US-09-101-126-1
Sequence 1, Application US-09-061126
Patent No. 6316216

GENERAL INFORMATION:
APPLICANT: OHIO, CHIKARA
APPLICANT: NAKANE, HIROYUKI
APPLICANT: NISHINO, TOKUO
APPLICANT: OHNUMA, SHINICHI
APPLICANT: HIROOKA, KAZUTAKE
TITLE OF INVENTION: MUTATED PRENYL DIPHOSPHATE SYNTHASES
FILE REFERENCE: 77670/566
CURRENT APPLICATION NUMBER: US/09/101.126
CURRENT FILING DATE: 1999-04-27
EARLIER APPLICATION NUMBER: PCT/JP97/03921
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: JP 9-307506
EARLIER FILING DATE: 1996-11-05
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 330
TYPE: PRT
ORGANISM: Sulfolobus acidocaldarius
FEATURE:
OTHER INFORMATION: 82-86 is an Asp-rich domain

US-09-101-126-1

Query Match 100.0%; Score 24; DB 4; Length 330;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
DB 271 KEELM 275

RESULT 12
US-08-111-939-13
Sequence 13, Application US/08111939
Patent No. 5460951
GENERAL INFORMATION:
APPLICANT: Kawai, Shinji
APPLICANT: Takashita, Sunao
APPLICANT: Okazaki, Makoto
APPLICANT: Anan, Egon
TITLE OF INVENTION: Bone-Related Carboxypeptidase-Like
TITLE OF INVENTION: Protein and process for its production
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.

COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111.939
FILING DATE: 26-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 324033/92
FILING DATE: 03-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 238029/92
FILING DATE: 28-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/FILE NO: NUMBER: 02481.1321-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
FAX: 202-408-4000
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 434 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-111-939-13

Query Match 100.0%; Score 24; DB 1; Length 434;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
DB 418 KEELM 422

RESULT 13
US-09-233-989-7
Sequence 7, Application US/09233989
Patent No. 6248527
GENERAL INFORMATION:
APPLICANT: Chen, Hong
APPLICANT: Meyer, Joanne
TITLE OF INVENTION: Method of detecting risk of type II diabetes based on
TITLE OF INVENTION: Mutations found in Carboxypeptidase E
FILE REFERENCE: 5800-14, 035800/174130
CURRENT APPLICATION NUMBER: US/09/233.989
CURRENT FILING DATE: 1999-01-19
EARLIER APPLICATION NUMBER: 60/105,102
EARLIER FILING DATE: 1998-10-21
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 434
TYPE: PRT
ORGANISM: alysia
FEATURE:
OTHER INFORMATION: carboxypeptidase E

Query Match 100.0%; Score 24; DB 4; Length 434;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KEELM 5
DB 418 KEELM 422

RESULT 14

US 08-111-949-14
Sequence 14, Application US/08111949
Patent No. 5460951
GENERAL INFORMATION:
APPLICANT: Kawai, Shinji
APPLICANT: Takashita, Sunao
APPLICANT: Okazaki, Makoto
APPLICANT: Amann, Egon
TITLE OF INVENTION: Bone Related Carboxypeptidase-Like
TITLE OF INVENTION: Protein and Process for its Production
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1400 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111,949
FILING DATE: 26-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 324033/92
FILING DATE: 03-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 230629/92
FILING DATE: 28-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 02481.1321-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4000
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US 08-111-949-14

Query Match 100.0%; Score 24; DB 1; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Q7 1 KEELM 5

Db 419 KEELM 423

RESULT 15

US 08-111-949-15
Sequence 15, Application US/08111949
Patent No. 5460951
GENERAL INFORMATION:
APPLICANT: Kawai, Shinji
APPLICANT: Takashita, Sunao
APPLICANT: Okazaki, Makoto
APPLICANT: Amann, Egon
TITLE OF INVENTION: Bone Related Carboxypeptidase-Like
TITLE OF INVENTION: Protein and Process for its Production
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111,949
FILING DATE: 26-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 324033/92
FILING DATE: 03-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 230629/92
FILING DATE: 28-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 02481.1321-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4000
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-111-949-15
Query Match 100.0%; Score 24; DB 1; Length 445;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 KEELM 5
Db 419 KEELM 423
Search completed: January 16, 2003, 16:59:11
Job time : 6.14286 secs